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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
XUMING GUO )  
)  
Application No. 10/643,151 )  
)  
Filed: 08/19/2003 )  
)  
For: PHOTOCHEMICAL TRANSFORMATION )  
OF METALLIC AND NON-METALLIC IONS )  
IN AN AQUEOUS ENVIRONMENT )

**ELECTION OF SPECIES**

Commissioner for Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

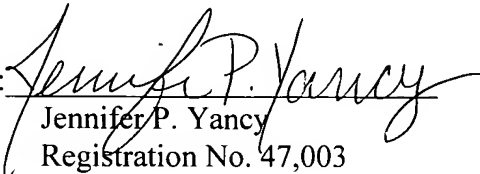
In response to the Election of Species Requirement mailed to the undersigned in the subject U.S. Patent application on December 7, 2005, applicant, through the undersigned attorney, elects to prosecute with traverse, in this application, the species of group (b) in the event that no generic claim is finally held to be allowable. Applicant asserts that group (c) and group (d) are sub-species of group (b). In the event that no generic claim is finally held to be allowable, Applicant submits that group (c) and group (d) would be allowable if it is determined the group (b) is allowable. It is believed that claims 1-22 are generic.

10/643,151  
Species Election



Applicant reserves the right to file one or more divisional applications in the event that no generic claim is finally held to be allowable. An early and favorable Office Action on the merits is respectfully requested.

Respectfully submitted,

By:   
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Dated: January 6, 2006

Atty. Docket No. 308-018